ABSTRACT

Methods and apparatus are presented for scheduling data packet transmissions during optimal channel conditions. In one method, data packet retransmissions are scheduled for transmission during favorable channel conditions when the target remote station is moving slowly, but are scheduled for periodic transmissions when the target is moving moderately or fast. In another method, long delays for retransmissions in a channel sensitive timing scheme are eliminated. In other methods, a combination of periodic and aperiodic retransmissions are used to achieve the desired frame error rate.